

IFW



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: QIU

Application Serial No.: 10/644,229

Filing Date: August 20, 2003

For: METHODS AND APPARATUS FOR  
CHARACTERIZING SUBSCRIBER  
LOOP BASED ON ANALYSIS OF  
DSL HANDSHAKING SIGNALS  
AND FOR OPTIMIZATION OF DSL  
OPERATION

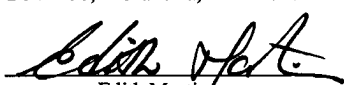
)  
) Group Art Unit: 2643  
)  
) Examiner: Tran, Quoc Duc  
)  
) **RESPONSE TRANSMITTAL**  
)  
) Attorney Docket No.: P16581  
)  
) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) Attorneys for Intel Corporation  
) Five Elm Street  
) New Canaan, CT 06840  
)  
)

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 31, 2006.

Dated: January 31, 2006

By:

  
Edith Martin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are:

1. ☒ Amendment/Response to Non-Final Office Action mailed December 1, 2005
2. ☒ Additional Enclosures: Acknowledgement Postcard


FEE CALCULATION

For	Current	Prev. Paid	No. Extra	Rate	Fee
Total Claims	16	- 47	0	\$ 50.00	\$ 0.00
Indep. Claims	5	- 10	0	\$ 200.00	\$ 0.00
Multiple Dependent Claims (add \$300.00 if applicable)					\$ 0.00
No Petition for Extension of Time is Required					\$ 0.00
OTHER FEE (specify purpose):					\$ 0.00
TOTAL FEE					\$ 0.00

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,



Nathaniel Levin  
Registration No. 34,860  
Buckley, Maschoff & Talwalkar LLC  
Attorneys for Intel Corporation  
Five Elm Street  
New Canaan, CT 06840  
(203) 972-3460

January 31, 2006  
Date



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: QIU

Application Serial No.: 10/644,229

Filing Date: August 20, 2003

For: METHODS AND APPARATUS FOR  
CHARACTERIZING SUBSCRIBER  
LOOP BASED ON ANALYSIS OF  
DSL HANDSHAKING SIGNALS  
AND FOR OPTIMIZATION OF DSL  
OPERATION

) Group Art Unit: 2643

) Examiner: Tran, Quoc Duc

) **AMENDMENT and RESPONSE** to  
) December 1, 2005 Non-Final Office Action

) Attorney Docket No.: P16581

) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) Attorneys for Intel Corporation  
) Five Elm Street  
) New Canaan, CT 06840

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 31, 2006.

Dated: January 31, 2006

By:

  
Edith Martin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Non-Final Office Action mailed December 1, 2005, please amend the above-identified application as follows.

**Amendments to the claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 8 of this paper.